

FIG. 1 (PRIOR ART)

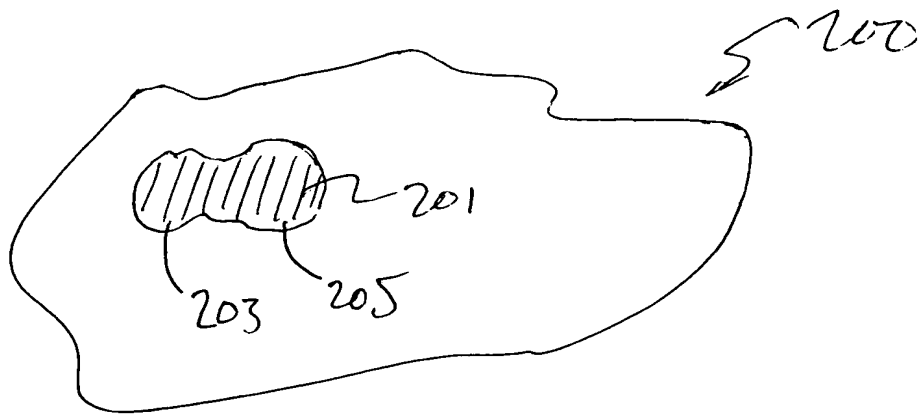


FIG. 2 (PRIOR ART)

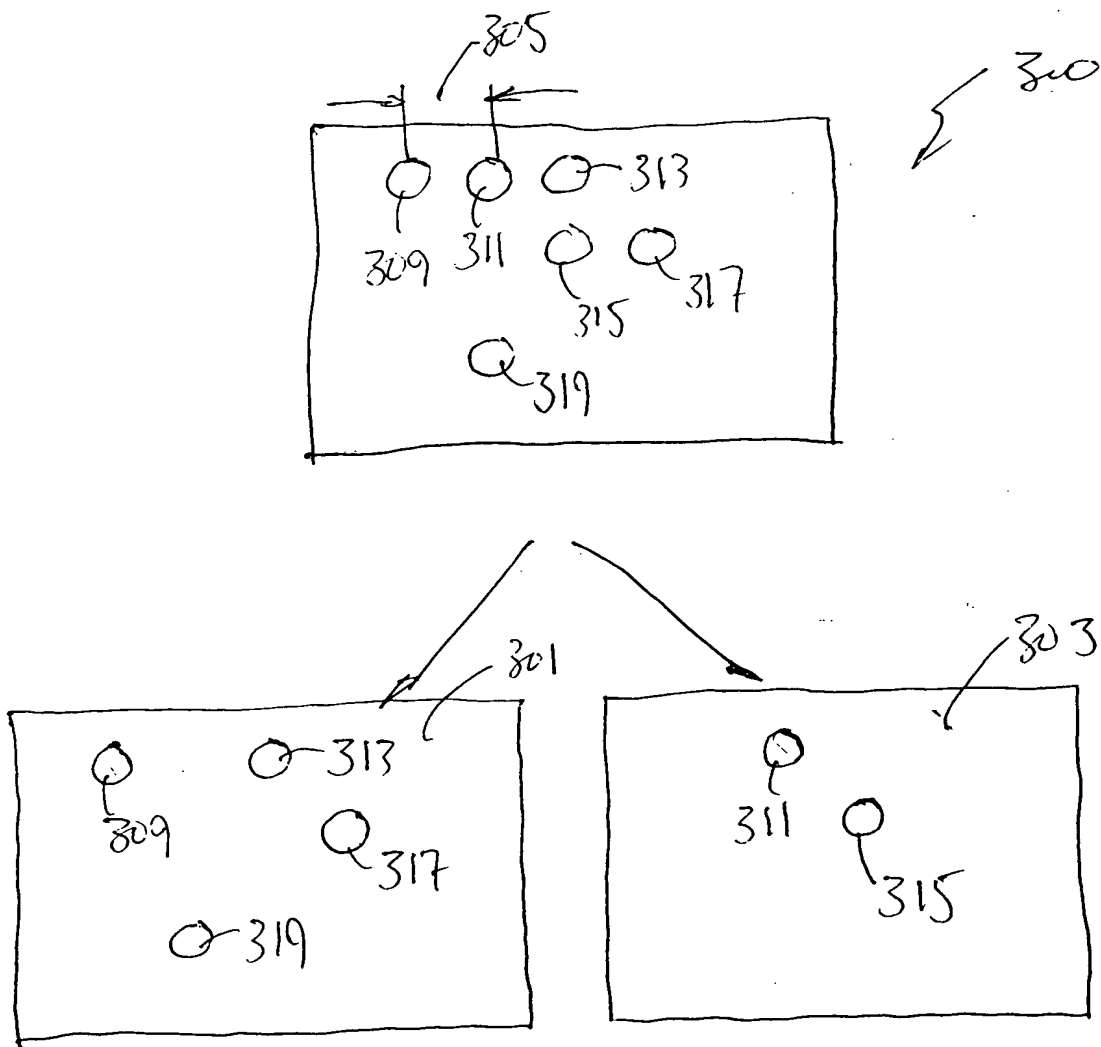


FIG. 3 (PAPER ADT)

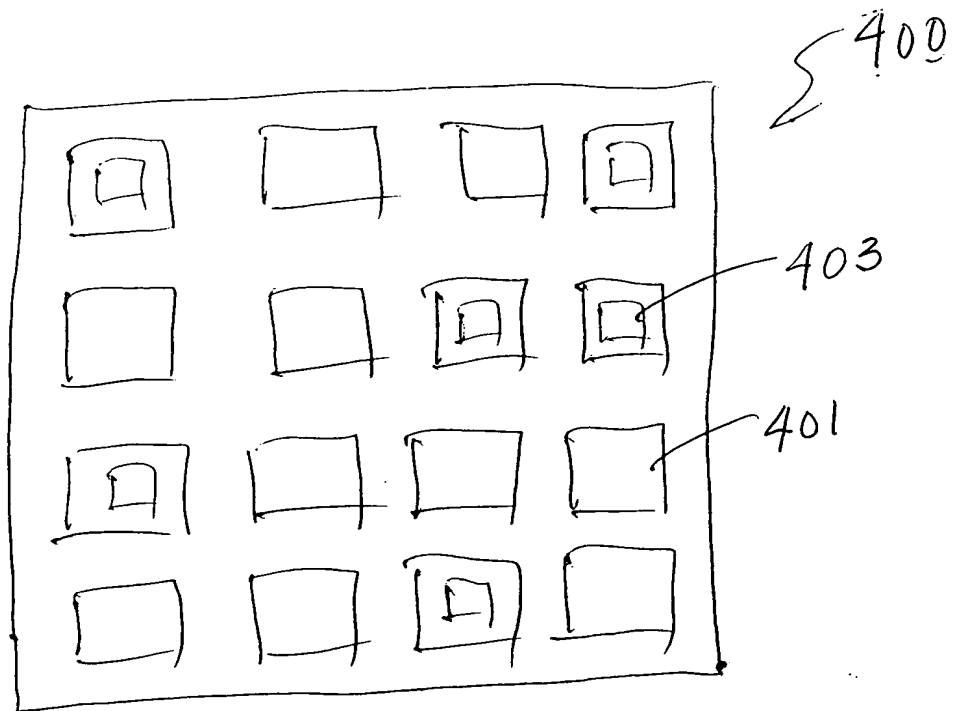


FIG. 4

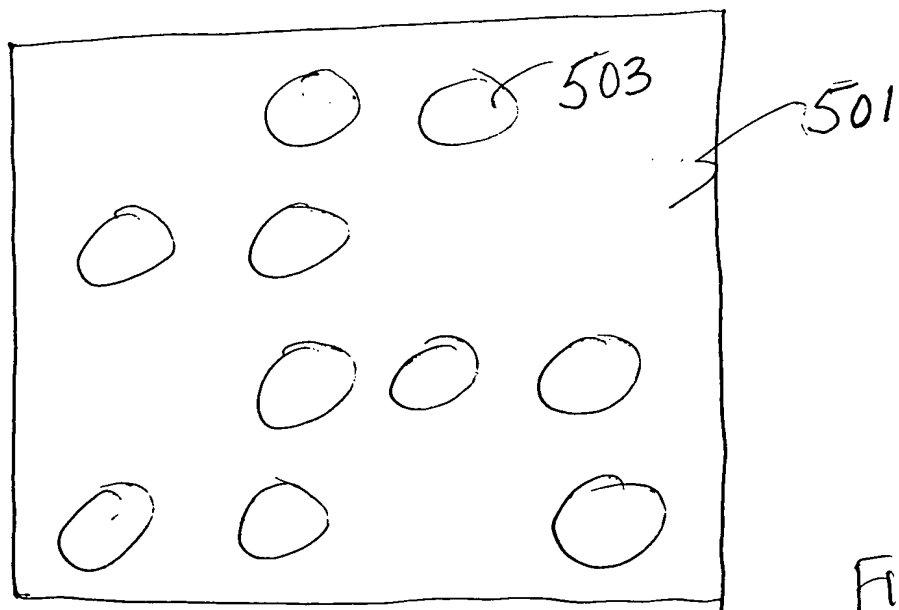


FIG 5

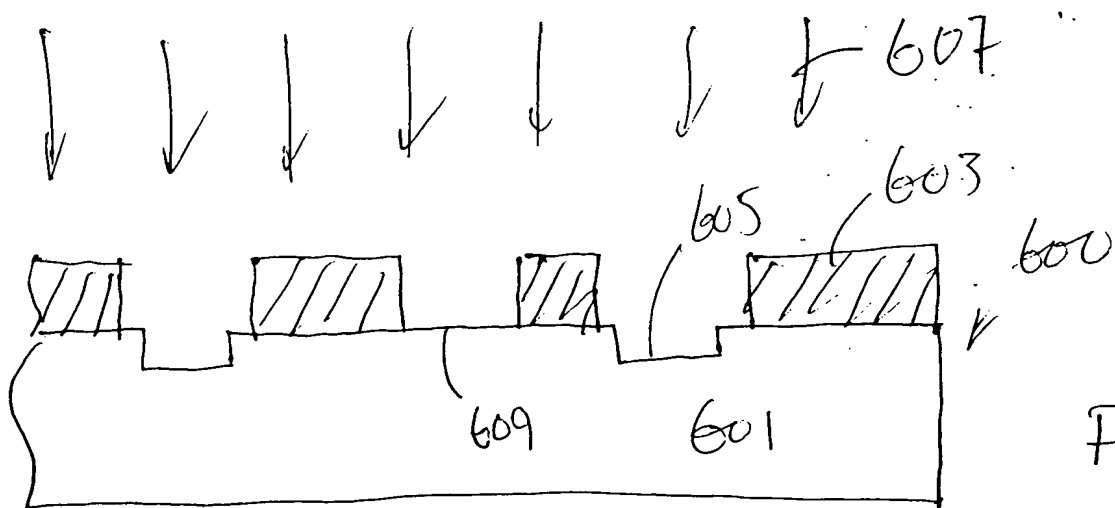


FIG. 6

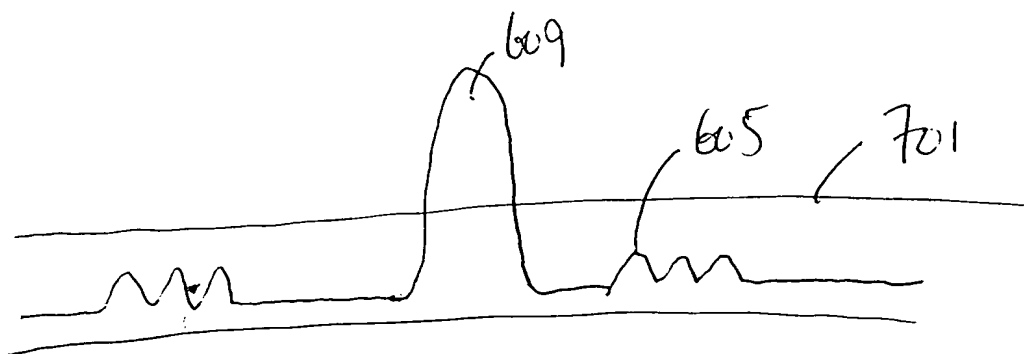


FIG. 7

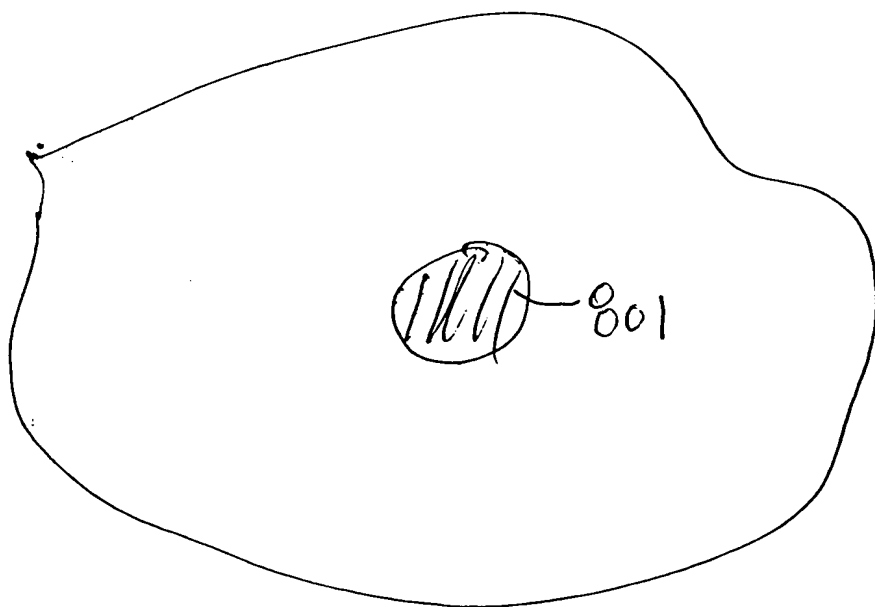
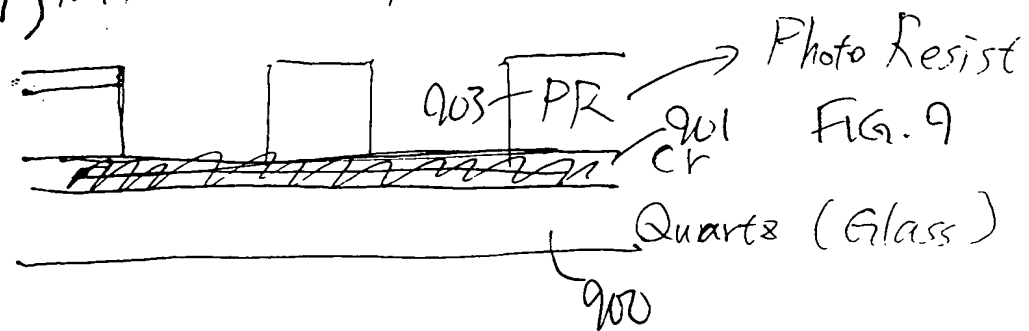
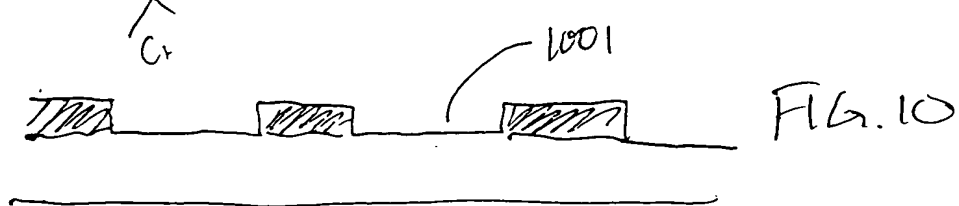


FIG. 8

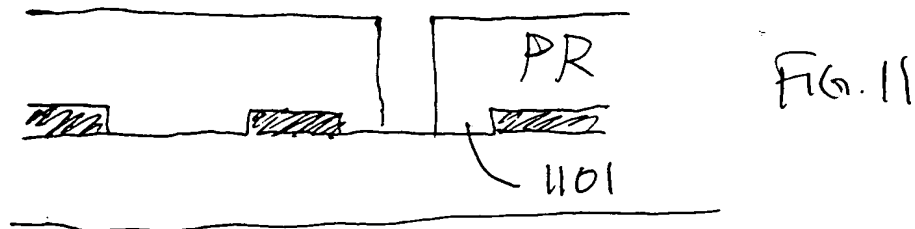
1) Mask Blank: Expose & Develop.



2) Etch & Remove PR



3) 2nd Expose & Develop to form Shifter (patterning)



4) Etch Quartz & PR removal

